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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/780,398	02/17/2004	Valiuddin Ali	200314072-1	1614
22879 7590 10/10/2007 HEWLETT PACKARD COMPANY P O BOX 272400, 3404 E. HARMONY ROAD INTELLECTUAL PROPERTY ADMINISTRATION FORT COLLINS, CO 80527-2400			EXAMINER MEDE, ESTEVE	
			ART UNIT 2137	PAPER NUMBER
			MAIL DATE 10/10/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Office Action Summary**

Application No.

10/780,398

Applicant(s)

ALI ET AL.

Examiner

Esteve Mede

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 20 July 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-39 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-39 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

***Response to Amendment***

1. This office action is responsive to applicant's amendment received on July 20, 2007. Claims 1-39 are pending.
2. Claims objection is withdrawn due to applicant's amendment.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. **Claims 1, 3-11, 13, 14-17, 19-21, 23-29, 31-32, 34-37 and 39**, are rejected under 35 U.S.C. 102(e) as being anticipated by Cheston et al. (US 6,978,385).

**Claims 1, 14**, Cheston discloses a computer security system comprising, a security module adapted to control access to a secure computer resource (col. 3, lines 5-6) by a user via a client based on verification of a security credential provided by the user (col. 3, lines 22-25); verification data disposed on the client and accessible by the security module (col. 3, lines 7-8; col. 8, lines 30-37); security module adapted to enable the user to recover the security credential based on a response received from the user associated with the verification data (see abstract, lines 8-16).

**Regarding claim 19**, Cheston discloses a computer security method, comprising: receiving a request at a client to access a secure computer resource, a

security credential required from a user to access the secure computer resource (see abstract; presenting verification data disposed on the client to the user (col. 3, lines 7-8; col. 8, lines 30-37) and enabling the user to recover the security credential based on a response received from the user to the verification data (see abstract, lines 8-16).

**Regarding claim 31**, Cheston discloses a collection module adapted to enable the user to store verification data associated with a user on a client (col. 3, lines 26-33); a recovery module adapted to enable the user to recover a security credential associated with accessing a secure computer resource via the client by verifying a user response to the verification data (see abstract, lines 8-16).

**Claims 3, 15, 21, and 32**, Cheston discloses the system wherein the security module is adapted to generate a query to present to the user based on the verification data (col. 3, lines 37-39).

**Claims 4, 16**, Cheston discloses the system wherein the security module is adapted to control booting of the client based on the response (col. 3, lines 39-44).

**Claims 5, 17 and 23**, Cheston discloses the system wherein the security module is adapted to initiate a collection module to acquire the verification data from the user (col. 3, lines 26-33).

**Claims 6, 24 and 35**, Cheston discloses the system wherein the security module is adapted to encrypt the security credential based on the verification data (col. 3, lines 45-55; col. 4, lines 58-65).

**Claims 7, 25 and 36**, Cheston discloses the system wherein the security module is adapted to decrypt an encrypted security credential based on the verification response (col. 3, lines 45-55; col. 4, lines 58-65).

**Claims 8 and 34** Cheston discloses the system wherein the security module is disposed in a basic I/O system (BIOS) (col. 4, lines 44-45).

**Claims 9 and 27** Cheston discloses the system wherein the security module is adapted to control access to a secure communications network (col. 5, lines 14-19).

**Claims 10 and 28**, Cheston discloses the system wherein the security module is adapted to control access to a computer network resource (col. 1, lines 49-52).

**Claims 11, 26, 29 and 37**, Cheston discloses the system wherein the security module is adapted to enable the user to retrieve the security credential based on the response (col. 2, lines 8-14).

**Claims 13 and 39**, Cheston discloses the system wherein the security module is disposed on the client (col. 3, lines 7-8).

**Claim 20**, Cheston discloses the method further comprising initiating booting of the client based on the response (col. 1, lines 46-52).

### ***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. **Claims 2, 12, 18, 22, 30, 33 and 38** are rejected under 35 U.S.C. 103(a) as being unpatentable over Cheston et al. (US 6,978,385) in view of Juels et al. (US 2004/0030932 A1).

**Regarding Claims 2, 12, 18, 22, 30, 33 and 38**, Cheston discloses all the limitation of claims 2, 12, 18, 22, 30, 33 and 38 except for the user able to reset the security credential and the security credential is automatically reset. The general concept of resetting security credential (password) is well known in the art as illustrated by Juels, which discloses a user is able to reset security credential base if the user lost his/her password after responding to security questions (para. 0152, lines 1-10). Therefore it would have been obvious for one of ordinary skill in the art at the time of the invention to modify Cheston to include the use of resetting security credentials in order for to provide a user more option to recover his/her password or establish new ones upon losing their security credentials.

### ***Response to Arguments***

7. Applicant's arguments filed 07/20/2007 have been fully considered but they are not persuasive.

8. Applicant basically argues that Cheston does not disclose "verification data disposed on the client and accessible by the security module". Examiner disagrees, Cheston discloses the client computer prompting the user for a primary password which is stored in the client (col. 8, lines 30-32) and a determination (verification) of whether or not the primary password the user was asked to enter into the client is valid (col. 8, lines

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33-37), examiner note that the security module must be able to access the verification data in order to determine (verify) if the password entered by the user is valid or not. Therefore the limitation of verification data disposed on the client and accessible by the security module is met by the above stated reference and explanation.

2) Applicant argues that the limitations of claim 1 are different from the limitations of claim 19 and 31. Examiner disagrees, claims 1, 19 and 31 wordings are different, however, the limitations of the claims are the same and therefore were group together in order to avoid repeating the same limitations for different claims, however, examiner separated the claims for clarity.

### ***Conclusion***

9. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Esteve Mede whose telephone number is 571-270-1594. The examiner can normally be reached on Monday thru Friday, 8:30-5:00 PM, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Emmanuel Moise can be reached on 571-272-3865. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Esteve Mede

EM  
September 27, 2007

  
EMMANUEL L. MOISE  
SUPERVISORY PATENT EXAMINER